APPENDIX C

Specific Minimum Recommendations--Besser, Best Practices for Image Capture

	resolution in	1 1 .1			screen display			print display	
		color depth	file format	resolution in	color depth	file format	resolution in	color depth	file format
	longest			longest			longest		
	dimension			dimension ¹			dimension		
B/W text	6000 pixels	8 bit	TIFF with	1200 pixels	8 bit	GIF or JFIF	3000 pixels or	8 bit	PDF or TIFF
document	3000 pixels ²	grayscale	lossless compression	600 pixels	grayscale		6000 pixels	grayscale	with LZW compression
Illustrations,	6000 pixels	24 bit color	TIFF with	300 pixels	24 bit color	JFIF, quality	3000 pixels	24 bit color	JFIF, quality
Maps,	3000 pixels		lossless	800 pixels		level 50	•		level 50-100
Manuscripts, etc.	•		compression	1500 pixels					
				3000 pixels					
3-dimensional	6000 pixels	24 bit color	TIFF with	300 pixels	24 bit color	JFIF, quality	3000 pixels	24 bit color	JFIF, quality
objects to be	3000 pixels		lossless	800 pixels		level 50			level 50-100
represented in			compression	1500 pixels					
two dimensions				3000 pixels					
35mm film, color	6000 pixels	24 bit color	TIFF or PhotoCD	300 pixels	24 bit color	JFIF, quality	3000 pixels	24 bit color	JFIF, quality
negative or	3000 pixels		with lossless	800 pixels		level 50			level 50-100
positive			compression	1500 pixels					
				3000 pixels					
35mm film, B/W	6000 pixels	8 bit	TIFF or PhotoCD	300 pixels	8 bit	JFIF, quality	3000 pixels	8 bit	JFIF, quality
negative or	3000 pixels	grayscale	with lossless	800 pixels	grayscale	level 50		grayscale	level 50-100
positive			compression	1500 pixels					
				3000 pixels					
Medium to large	6000 pixels	24 bit color	TIFF or PhotoCD	300 pixels	24 bit color	JFIF, quality	6000 pixels	24 bit color	JFIF, quality
format color	3000 pixels		with lossless	800 pixels		level 50			level 50-100
photograph,			compression	1500 pixels					
negative,				3000 pixels					
transparency or microfiche									
Microfilm, B/W	6000 pixels	8 bit	TIFF with	300 pixels	8 bit	IEIE quality	6000 pixels	8 bit	PDF or TIFF
IVIICI OI III II, D/ VV	3000 pixels	grayscale	lossless	800 pixels		JFIF, quality level 50	3000 pixels		with LZW
	3000 pixeis	grayscale	compression	1500 pixels	grayscale	ievel 50	Jood pixeis	grayscale	compression
			Compression	3000 pixels					compression

¹ The resource designer has considerable freedom to deviate from these recommendations to accommodate the presentation requirements of the individual collection.

² The lower resolution represents a minimum value. Material scanned at less than the minimum value is not considered to be archival quality. Every effort should be made to scan at the recommended, rather than the minimum, value.